

PATENT ABSTRACTS OF JAPAN

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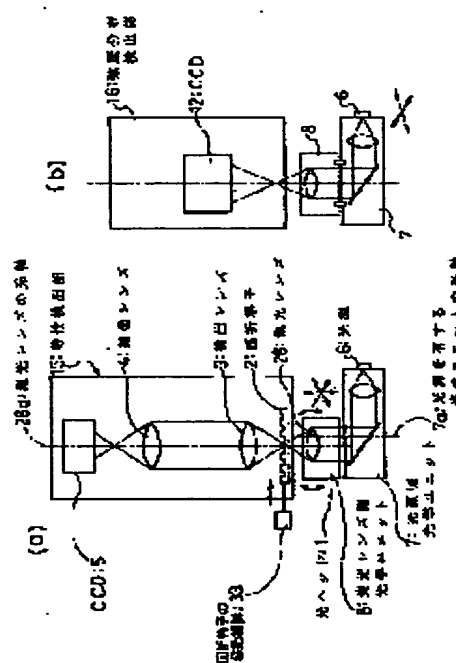
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(54) DEVICE AND METHOD FOR ADJUSTING OPTICAL HEAD

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method and device which can shorten the time required to adjust the optical axis of the detecting optical system in adjustment of the emitted light characteristics and intensity distribution characteristics of an optical head.

SOLUTION: After adjusting the optical axis of a condensing lens 28 to the optical axis of a characteristics detecting part 15 which determines the characteristics of the condensing lens 28 of an optical head 1, the optical properties of the condensing lens 28 are evaluated and the position of the condensing lens 28 is adjusted on the basis of the evaluation result. Subsequently, while keeping the positional relationship of the optical unit 7 and condensing lens 28 at the side of the light source of the optical head 1 constant, the positional deviation between the center of the intensity distribution of light which passes the condensing lens 28 and the physical center of the condensing lens 28 is detected, and the position of the optical unit 7 is adjusted on the basis of the positional deviation.



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